

## Transparency Market Research



### NoSQL Market - Global Industry Analysis, Size, Share, Growth, Trends and Forecast 2015 - 2023

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## Transparency Market Research

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## REPORT DESCRIPTION

NoSQL also known as not only SQL (structured query language) is a tool used for data design and management of large quantity of distributed data. NoSQL database comprises a wide range of architecture and technologies designed to overcome problems of scalability and big data performance problems. NoSQL is very useful when organizations have to deal with large amount of unstructured and semi-structured data or remotely stored data or information on virtual servers. Some NoSQL implementations that were launched in the market include Google BigTable, MapReduce, Voldemort, SimpleDB, Apache Hadoop and MemcacheDB among others. This database has enhanced scalability and offers superior performance which the relational database management system (RDBMS) was not designed to cope with. NoSQL database helps to manage large volumes of unstructured data and possesses ability for quick iteration, agile sprints, and object oriented programming among others. Moreover, NoSQL database is flexible and easy to use and has scale-out and efficient architecture which is inexpensive. The type of NoSQL database includes graph stores, wide-column stores, document databases and key-value stores. Key-value stores find increased usage over the other type as they facilitate usage of session management, e-commerce and web based applications. Additionally, document database due to its basic and simple design are the second most popularly adopted NoSQL database.

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<http://www.transparencymarketresearch.com/nosql-market.html>

NoSQL provides comprehensive solution to organizations to manage the big data generated through daily operations; moreover its increased usage for data analysis and storage and web applications drives the growth of this market. NoSQL database caters to a wide variety of applications such as management of web session, e-commerce and mobile application development among others, which in turn contributes to its increased adoption worldwide. Large amount of big data is being generated and processed regularly which has a positive impact on the growth of NoSQL market. NoSQL database have found increased popularity among customers as it allows organizations to process and store large volumes of data at less cost compared to RDBMS. Advancement of information technology (IT) and increase Internet access across the globe has propelled the growth of NoSQL market. Due to increased usage of IT, management of social media and increasing Internet access across North America, this region is a major driver for NoSQL market. In addition, Asia Pacific in terms of growth is expected to be the most lucrative for NoSQL market.

NoSQL market can be segmented based on application and geography. In terms of application it's categorized into defense, finance and banking, geosciences, biotechnology, mobile and telecommunication and others.

NoSQL Database are in their pre-production versions which pose a hindrance to its market growth as the users are not well informed about the technologies employed. Moreover, NoSQL is an open source database so security of data is questionable. However, flexibility of various data models, elastic scalability, seamless operation with cloud and others continue to drive the growth of NoSQL market. Innovation launches and collaborative efforts from customers and vendors offer a positive upsurge to the growth of NoSQL market.

Some of the key players in NoSQL market include IBM Corporation, Aerospike, Inc., Oracle Corporation, Basho Technologies, Objectivity, Inc., MarkLogic Corporation, Microsoft Corporation, Couchbase, Neo technology, Inc., Cisco Systems, Inc., Hypertable, Inc., and others.

This report is a complete study of current trends in the market, industry growth drivers, and restraints. It provides market projections for the coming years. It includes analysis of recent developments in technology, Porter's five force model analysis and detailed profiles of top industry players. The report also includes a review of micro and macro factors essential for the existing market players and new entrants along with detailed value chain analysis.

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This research report analyzes this market depending on its market segments, major geographies, and current market trends. Geographies analyzed under this research report include

- North America
- Asia Pacific
- Europe
- Rest of the World

## **This report provides comprehensive analysis of**

- Market growth drivers
- Factors limiting market growth
- Current market trends
- Market structure
- Market projections for upcoming years

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## **Reasons for Buying this Report**

- This report provides pin-point analysis for changing competitive dynamics
- It provides a forward looking perspective on different factors driving or restraining market growth
- It provides a six-year forecast assessed on the basis of how the market is predicted to grow
- It helps in understanding the key product segments and their future
- It provides pin point analysis of changing competition dynamics and keeps you ahead of competitors

- It helps in making informed business decisions by having complete insights of market and by making in-depth analysis of market segments
- It provides distinctive graphics and exemplified SWOT analysis of major market segments

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#### About Us

Transparency Market Research (TMR) is a global market intelligence company, providing global business information reports and services. Our exclusive blend of quantitative forecasting and trends analysis provides forward-looking insight for thousands of decision makers. TMR's experienced team of Analysts, Researchers, and Consultants, use proprietary data sources and various tools and techniques to gather and analyze information.

Our data repository is continuously updated and revised by a team of research experts, so that it always reflects the latest trends and information. With a broad research and analysis capability, Transparency Market Research employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports.

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